



July 2001 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage INDIANA, Southeast **Wayne County** 1940EST 0 0 10K Economy to 5 NW Greens Fork 04 Thunderstorm Wind (G60) A severe thunderstorm moved across the northwest and north-central part of the county downing trees between Economy and Greens Fork. Many of the trees fell across roads. Golf ball size hail also occurred in Economy. **Ripley County** Morris to 08 1150EST 1210EST 0 5K Thunderstorm Wind (G50) Sunman Trees knocked down across the northern half of the county **Dearborn County** 1220EST 1240EST Countywide 08 0 0 5K Thunderstorm Wind (G50) Trees were knocked down across the county. **Fayette County** 08 0 0 3K Orange Thunderstorm Wind (G50) Five trees were knocked down in Orange. **Franklin County** 5K Countywide 08 0 0 Thunderstorm Wind (G50) Several trees knocked down across the county. **Ohio County** 0 0 Thunderstorm Wind (G52)^M **Rising Sun** 08 Winds gusted to 60 mph. **Switzerland County** Countywide 08 10K Thunderstorm Wind (G50) Numerous trees were knocked down across the county and a barn roof was blown off in Patriot **Wayne County** Countywide 08 50K Thunderstorm Wind (G50) Trees were knocked down across the county. Also, a roof was blown off a fire station in Milton **Fayette County** Countywide 08 1830EST 0 0 5K Thunderstorm Wind (G50) 1845EST Trees knocked down across the county. **Union County** 5 S Liberty 08 1840EST 0 0 3K Thunderstorm Wind (G50) 1845EST Thunderstorm winds knocked down trees. **Franklin County** Countywide 08 1855EST 1915EST $\mathbf{0}$ $\mathbf{0}$ 5K Thunderstorm Wind (G50) Trees knocked down across the county. **Ripley County** 1905EST 1910EST Napoleon 08 $\mathbf{0}$ 0 3K Thunderstorm Wind (G50) Many trees knocked down. **Dearborn County** 1915EST 1930EST 0 5K Countywide 08 0 Thunderstorm Wind (G50)

Trees knocked down across the county.





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Cro	July 2 Character of Storm	2001
INDIANA, Southeast									
Ohio County Countywide	08 Trees	1920EST 1930EST knocked down.			0	0	3K	Thunderstorm Wind (G50)	
Switzerland County Countywide	08 Trees	1927EST 1940EST knocked down.			0	0	5K	Thunderstorm Wind (G50)	
	Two b	ow echoes moved	across easter	n Indiana on	the 8th leav	ving a trail	of damage acros	s the regior.	
Wayne County Hagerstown	17 Roof v	1949EST 1952EST was peeled off of a	ı barn		0	0	3K	Thunderstorm Wind (G50)	
Wayne County Richmond	17 18 Roads	2212EST 0300EST closed due to high	h water. Seve	eral people w	0 vere rescued	0 from their	r homes in Center	Flood ville.	
Union County Countywide	17 18 Six roa	2330EST 0300EST ads and one bridge	e closed acros	ss the county	0 due to high	0 water		Flood	
Fayette County Connersville	18 Streets	0100EST 0200EST s impassible throu	gh town beca	use of high v	0 vater	0		Flood	
Dearborn County Lawrenceburg	18 US Ro	0130EST 0230EST oute 50 closed bec	ause of high v	water	0	0		Flood	
Franklin County Brookville	18 Three	0130EST 0230EST to four feet of wat	ter reported o	n several roa	0 ds	0		Flood	
INZ058		0400EST 0730EST hitewater River c						Flood eet. Flooding of low-lying agricultura y roads along the river.	al land
Franklin County Countywide	18 State I	2005EST 2230EST Route 52 and seve	ral county ros	ads were close	0	0 oh water	5K	Flood	
Dearborn County Countywide	18	2130EST 2300EST roads were floode	·		0	0 0	5K	Flood	
Ripley County 3 E Versailles	18	2130EST 2300EST rainfall forced the		·	0	0	3K	Flood	





Time Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

INDIANA, Southeast

Rip	ley	Co	unty

Holton to 28 0730EST 0 0 Flood Milan 1030EST

Thunderstorms produced heavy rain which flooded roads and caused creeks to overflow their banks.

KENTUCKY, Northern

Owen County 3 S Owenton to	03	1550EST	0	0	5K	Thunderstorm Wind (G50)
Gratz		1600EST				, ,
	Powe	r poles were knocked down just sou	ith of Owenton and tre	es and i	arge iiiios were	knocked down in Gratz
Mason County						
Countywide	08	1130EST	0	0	5K	Thunderstorm Wind (G50)
	Nume	1145EST erous trees knocked down.				
Bracken County						
Countywide	08	1215EST	0	0	5K	Thunderstorm Wind (G50)
·	Trees	1230EST knocked down across the county.				
D 114 C 4	Tices	knocked down across the county.				
Pendleton County Butler	08	1220EST	0	0	3K	Thunderstorm Wind (G50)
Dutter		1225EST	v	v		Thunderstorm white (050)
	Sever	al trees knocked down.				
Mason County	08	1220ECT	0	0	5K	TI 1 4 W. 1(050)
Countywide		1230EST 1250EST		U	3K	Thunderstorm Wind (G50)
	Trees	were knocked down across the cou	inty.			
Boone County						М
(Cvg)Gtr Cin Arpt	08	1233EST 1250EST	0	0	50K	Thunderstorm Wind (G53) ^M
		C I	at the Cincinnati-North	hern Ken	ntucky Internation	nal Airport. Nearly 200 trees were knocked
	down	across the county with this storm.				
Kenton County	0.0	4.4.4.				
Countywide	08	1245EST 1307EST	0	0	25K	Thunderstorm Wind (G50)
	Many	trees were knocked down across the	ne county. A camper v	was also	flipped over in E	Erlanger
Pendleton County	00	1250ECT	0	0	5K	TI 1 (0.50)
Countywide	08	1250EST 1305EST	U	0	3K	Thunderstorm Wind (G50)
	Nume	erous trees knocked down.				
Campbell County						
Countywide	08	1255EST 1315EST	0	0	5K	Thunderstorm Wind (G50)
	Trees	and power lines were knocked dov	vn across the county.			
Gallatin County						
Countywide	08	1300EST 1315EST	0	0	5K	Thunderstorm Wind (G50)
	Nume	erous trees knocked down across the	e county.			
Bracken County						
Brooksville	08	1315EST 1325EST	2	3	100K	Thunderstorm Wind (G60)
	Thund		home killing 2 and in	ninring 3	neonle Anothe	er mobile home was damaged and trees were





July 2001 Time Local/ Standard Path Length (Miles) Number of Persons Killed Injured Estimated
Damage
erty Crops Path Width (Yards)

KENTUCKY, Norther	<u>n</u>					
	knocke	ed down. F28MH, F11MH				
Grant County 3 NE Jonesville to Williamstown	08	1315EST 1330EST	0	0	10K	Thunderstorm Wind (G50)
winanistown	Numei	rous trees and large limbs were knocked do	own across th	e county.	A shed was als	o damaged near Jonesville
Pendleton County						
Countywide	08 Numar	1320EST 1340EST rous trees knocked down.	0	0	5K	Thunderstorm Wind (G50)
	Numer	ous frees knocked down.				
Mason County Maysville	08	1325EST	0	0	3K	Thunderstorm Wind (G50)
·	Many	1335EST large limbs downed by thunderstorm wind	S.			
Robertson County						
Mt Olivet	08	1330EST 1340EST	0	0	5K	Thunderstorm Wind (G50)
	Trees l	knocked down.				
Owen County						
5 NE New Liberty to New Liberty	08	1345EST 1400EST	0	0	5K	Thunderstorm Wind (G50)
itew Elberty	Numer	rous trees knocked down.				
Lewis County						
Tollesboro to Petersville	08	1400EST 1415EST	0	0	25K	Thunderstorm Wind (G50)
	A roof	was blown off a barn and numerous trees	were knocke	d down.		
Mason County						
West Portion	08	1400EST 1500EST	0	0	5K	Flood
	Severa	l hours of heavy rainfall caused the closing	g of roads in	the wester	n part of the co	unty.
Boone County						
Countywide	08	1930EST 1950EST	0	0	5K	Thunderstorm Wind (G50)
	Numer	rous trees knocked down across the county	•			
Campbell County						
Grants Lick	08	1945EST 1947EST	0	0		Thunderstorm Wind (G53) ^M
	Thund	erstorm winds were measured at 62 mph.				
Carroll County						
Countywide	08	1945EST 2000EST	0	0	5K	Thunderstorm Wind (G50)
	Trees l	knocked down across the county.				
Gallatin County						
Countywide	08	1950EST 2000EST	0	0	5K	Thunderstorm Wind (G50)
	Many	trees knocked down across the county.				
Grant County						
Countywide	08	2003EST 2020EST	0	0	5K	Thunderstorm Wind (G50)
	Trees l	knocked down across the county.				
Pendleton County						
Countywide	08	2005EST 2020EST	0	0	5K	Thunderstorm Wind (G50)
	Trees l	knocked down across the county.				



3 NW Sidney

07

National Weather Service Storm Data and Unusual Weather Phenomena



July 2001 Time Local/ Path Length (Miles) Path Width Number of Estimated Persons Damage KENTUCKY, Northern Two large bow echoes moved across northern Kentucky on the 8th leaving a trail of damage **Kenton County** Ft Mitchell 0135EST 0430EST Flood Cars underwater in a motel parking lot **Boone County** 0140EST 0500EST Union $\mathbf{0}$ Flood Basements flooded in town **Bracken County** 0200EST 0600EST 18 0 Augusta Flood High water on roads. Augusta-Minerva Road was impassable. **Campbell County** 0200EST 0500EST 0 California 18 0 Flood Church basement flooded in town **Campbell County** 18 19 Countywide 2145EST 0 5K Flood 0015EST Numerous roads closed across the county including Route 10. **Pendleton County** Countywide 25 26 2300EST 0000EST Flood Thunderstorms produced heavy rain which caused high water on roads. **Lewis County Trinity** 1830EST 2030EST 28 Flood Thunderstorms produced heavy rain which caused high water on roads and creeks to overflow their banks **Lewis County** Trinity 29 0833EST Flood 0930EST Thunderstorms produced heavy rain which flooded roads and caused creeks to overflow their banks. OHIO, Southwest **Clark County** Springfield 3K 01 Thunderstorm Wind (G50) Strong winds knocked down numerous trees and powerlines. A few buildings sustained some damage. **Fairfield County** Millersport 0 25K 01 Thunderstorm Wind (G50) A barn was blown off its foundation and numerous trees were knocked down **Warren County** 1500EST 7 NW Lebanon 0 3K 01 Thunderstorm Wind (G50) Several trees were knocked down by thunderstorm winds. **Shelby County**

0

0

Hail (2.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	er of sons Injured	Estimated Damage Property Crops	July 200 Character of Storm
OHIO, Southwest								
Miami County Tipp City	07	1152EST 1155EST			0	0		Hail (1.75)
Pickaway County 8 W Circleville to 8 E Circleville	08	0120EST 0130EST were knocked do	wn on the we	st and east sid	0 de of Circley	0	3K	Thunderstorm Wind (G50)
Clermont County Felicity	08	1207EST 1215EST			0	0	10K s also reported to a b	Thunderstorm Wind (G50)
Butler County Countywide	08 Nume	1230EST 1250EST rous trees knocke	ed down acros	s the county.	0	0	5K	Thunderstorm Wind (G50)
Hamilton County Harrison to 5 N Cincinnati	08 Trees	1250EST 1310EST were knocked do	wn at several	locations acr	0 ross the coun	0	5K	Thunderstorm Wind (G50)
Clermont County Mt Pisgah	08 Thund	1318EST 1325EST derstorm winds ki	nocked down i	numerous tre	0 es.	0	5K	Thunderstorm Wind (G50)
Brown County Georgetown to Countywide	08 Trees	1330EST 1350EST were knocked do	wn. A roof w	as ripped off	0 a building a	0 at the coun	5K ity fairgrounds and a	Thunderstorm Wind (G50) barn was damaged.
Adams County Manchester	08 Trees	1400EST 1410EST knocked down.			0	0	3K	Thunderstorm Wind (G50)
Preble County New Paris	08 Trees	1850EST 1900EST and power lines l	knocked down	ı .	0	0	3K	Thunderstorm Wind (G50)
Hamilton County Cincinnati	08 Thund	1900EST 1910EST erstorm winds ki	nocked down t	trees.	0	0	5K	Thunderstorm Wind (G50)
Butler County Hamilton	08 Trees	1910EST 1920EST knocked down by	y thunderstorn	n winds.	0	0	3K	Thunderstorm Wind (G50)
Clermont County Miamiville	08 Large	1910EST 1920EST limbs were knoc	ked down in tl	he northweste	0 ern part of th	0 ne county.	3К	Thunderstorm Wind (G50)

Two bow echoes clipped the southwestern part of Ohio on the 8th leaving a trail of damage across the area





	ъ.	Time Local/	Path Length	Path Width	Number Perso	ons	Estimated Damage	
OHIO, Southwest	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cr	ops Character of Storm
<u> </u>								
Hardin County 5 N Kenton	11	1600EST			0	0	3K	Thursdayer arm Wind (C50)
3 IV Kenton		1605EST knocked down.			U	U	3K	Thunderstorm Wind (G50)
Auglaize County								
3 SE Cridersville	11	1630EST			0	0	3K	Thunderstorm Wind (G50)
	Thun	1635EST derstorm winds ki	nocked down t	rees.				
Fairfield County								
Baltimore	17	1907EST 1911EST			0	0	3K	Thunderstorm Wind (G50)
	Sever	1911EST al trees down thro	oughout town					
Clermont County								
Milford	17	1953EST 1957EST			0	0	3K	Thunderstorm Wind (G50)
	Trees	and powerlines d	own across to	wn				
Clermont County								
Batavia to	17	2050EST 2100EST			0	0	3K	Thunderstorm Wind (G50)
Felicity	Trees	down across the	southern part of	of the county				
Brown County								
Countywide	17	2100EST			0	0	3K	Thunderstorm Wind (G50)
	Trees	2115EST down across the	county					
Adams County								
Lawshe	17 18	2130EST 0415EST			0	0	200K	Flash Flood
	An ur			y in high wate	er near Peebl	les. Mino	or damage sustai	ined by a few homes and roadways across the
Brown County								
Countywide	17 18	2130EST 0500EST			0	0	100K	Flash Flood
		ge reported to Sta	ate Route 131	and other cou	ınty roads, w	vith eight	to ten bridges w	vashed out.
.								
Preble County Countywide	17	2215EST			0	0		Flash Flood
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	18	0500EST s flooded across the	ne county. Tw	venty homes	and trailers v	vere evac	uated due to hig	
			,	,				
Butler County								
Countywide	17 18	2218EST 0230EST			0	0	500K	Flash Flood
	Sever	al state, county as						wellings and one nursing home with damage
	acros	s county. A stream	m was out of i	is banks at th	e intersection	n of State	koutes 73 and	1//.
Warren County	15	22.4FT2CFT			•	•	FOOT	
Mason	17 18	2245EST 0300EST			0	0	500K	Flash Flood
		nundred homes su al roads across co				m high w	rater. A residen	t lost six cars when water flooded his garage.





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	July 2001 Character of Storm
OHIO, Southwest								
Hamilton County Newtown	17	2256EST			0	0		Thunderstorm Wind $(G53)^M$
Hamilton County								
Countywide	young neight on a b	woman, 21, an porhood. A youn	nd her father, g woman, 16,	48, died in	their flood	led basen	nent in Fairfax, whe	Flash Flood ill Creek in Sharonville. Two people, a in Little Duck Creek flooded in their which had become trapped in high water
Clermont County								
Countywide	17 18	2300EST 0300EST			0	0	2.5M	Flash Flood
	hundr							Vayne and Gardner Townships. Four ways and private bridges were damaged
Butler County								
Countywide	17	2315EST 2330EST			0	0	10K	Thunderstorm Wind (G50)
	Trees	were knocked do	wn across the	county.				
Clermont County	1.	22207557			0		501 7	
5 S Batavia	17 Thous	2320EST 2330EST ands of trees kno	cked down nea	ır Batavia	0	0	50K	Thunderstorm Wind (G50)
Hamilton County								
Cincinnati	17 Large	2320EST 2325EST limbs knocked d	own.		0	0	3K	Thunderstorm Wind (G50)
OHZ078	Clerm	ont						
	18	0000EST 0830EST			0	0		Flood
		ittle Miami River Flooding occurre						m EST on the 18th. Flood stage is 17.0 ns of Roundbottom Road in Anderson
OHZ077	Hamil 18	ton 0930EST			0	0		Flood
	19	0000EST		1.4.7.0.0				
		reat Miami River the river in Mian		l 17.0 feet at	t 1300 EST,	above the	flood stage at 16.0 fe	eet. Water approached summer cottages
OHZ081	Adam 18	s 1100EST			0	0		Flood
	The C	1330EST Ohio Brush Creek			on, cresting	at 15.9 fe	-	on the 18th. Flood stage is 15.0 feet. e Routes 32 and 41 outside of Peebles
	Dowle	mong the ere	were mode	, with 50III	water off b	Rout	5 10, and along blan	2 Todalos 52 and 11 Outside of Feeling
Hamilton County								

Several business throughout area were flooded. Interstate 74 was closed due to high water across roadway.

400K

Flood

1950EST 2230EST

18

Cleves





July 2001 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage OHIO, Southwest **Licking County** 1835EST 2000EST 2K Croton 19 Flood Heavy rainfall flooded Appleton Road. **Hamilton County** 1650EST Greenhills 20 Flood Thunderstorms produced heavy rain which closed two roads and flooded two basements **Mercer County** Mendon 21 0 Thunderstorm Wind (G50) 1638EST Thunderstorms produced strong winds which knocked down trees. **Auglaize County** St Marys 21 Thunderstorm Wind (G50) 1653EST Thunderstorms produced strong winds which knocked down a tree and large limbs. **Auglaize County** St Marys 1700EST 1830EST Flood Thunderstorms produced heavy rain which caused a foot of water to flow over Deep Cut Road. **Mercer County** Celina 21 1815EST 1830EST Flood Thunderstorms produced heavy rain which caused high water on roads including U.S. Rte 33. **Butler County** Monroe 21 1945EST 2000EST 0 Flood Thunderstorms produced heavy rain which caused Gregory Creek to overflow its banks **Butler County** 0 Trenton 21 2000EST Flood 2115EST Thunderstorms produced heavy rain which caused a road to be closed. **Brown County** Mt Orab 0 22 Flood Thunderstorms produced heavy rain which caused high water on roads. Franklin County **Grove City** 25 Flood 1245EST Thunderstorms produced heavy rain causing three feet of water on roads. **Montgomery County** Riverside 25 1800EST 1804EST Thunderstorm Wind (G50) Thunderstorms produced strong winds which knocked down trees. **Greene County** Fairborn 25 Thunderstorm Wind (G52) Thunderstorms produced strong winds which were estimated at Wright-Patterson Air Force Base at 60 mph **Clermont County** Williamsburg 2030EST 2215EST 0 25 Flood

Thunderstorms produced heavy rain which caused high water on roads.





		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage			July 2001
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
OHIO, Southwest										
Brown County										
Fayetteville	25 26	2330EST 0000EST			0	0			Flood	
		derstorms produce	d heavy rain v	which caused	l high water	on roads.				
Clermont County										
Felicity	26	0100EST 0130EST			0	0			Flood	
	Thunc	derstorms produce	d heavy rain v	which caused	l high water	on roads.				
Clark County										
Tremont City	29	0530EST 0630EST			0	0			Flood	
	Thunc	derstorms produce	d heavy rain v	which caused	l flooded ro	ads.				
Fairfield County										
Amanda	29	0600EST 0604EST			0	0			Hail (0.75)	

Thunderstorms produced dime size hail.